CLAIMS:

What is claimed is:

1. A method of configuring customer premises equipment, comprising:

   providing a mobile computer having a first interface for allowing a user to enter:

5 a) identification information for customer premises equipment for configuration and b)

configuration data for the customer premises equipment and a second interface for

communication with the customer premises equipment; and

   coupling the customer premises equipment to the second interface;

   wherein the mobile computer automatically configures the customer premises

10 equipment through the second interface based on the configuration data and the

identification information.

2. The method according to claim 1, wherein the configuration data includes WAN IP

   data.

15

3. The method according to claim 2, wherein the configuration data includes a LAN IP

   data.

4. The method according to claim 2, wherein the WAN IP data includes an ISP router

20 WAN IP address.

5. The method according to claim 4, wherein the WAN IP data further includes a WAN

   IP CPE address.

6. The method according to claim 5, wherein the WAN IP data further includes a WAN Subnet Mask.

5   7. The method according to claim 6, wherein the WAN IP data further includes DLCI data.

8. The method according to claim 1, further comprising:

coupling the customer premises equipment to a communications network; and

10   issuing a ping command for execution by the customer premises equipment

through the second interface.

9. The method according to claim 1, further comprising:

downloading the configuration data to the mobile computer from a remote server.

15

10. The method according to claim 9, wherein the downloading is performed based on an order number.

11. The method according to claim 9, further comprising uploading configuration results

20   to the remote server.

12. A method of configuring customer premises equipment, comprising:

receiving a discover packet from customer premises equipment over a communications line;

transmitting WAN IP data over the communications line to the CPE;

retrieving LAN IP data based on an address of the communication line;

5 transmitting the LAN IP data over the communications line to the CPE; and

wherein the CPE is configured based on the received WAN IP and LAN IP data.

13. The method according to claim 12, wherein the communications line is coupled to a DSLAM.

10

14. The method according to claim 13, wherein the DSLAM includes a DHCP server for determining the WAN IP data.

15. A computer program product for causing a computer to configure customer premises

15 equipment comprising a computer useable medium having computer program logic stored therein wherein the computer program logic comprises:

interface means for causing the computer to provide a first interface for allowing a user to enter: a) identification information for customer premises equipment for configuration and b) configuration data for the customer premises equipment and a

20 second interface for communication with the customer premises equipment; and

configuring means for causing the computer to automatically configure the customer premises equipment through the second interface based on the configuration data and the identification information.

16. The computer program product according to claim 15, wherein the configuration data includes WAN IP data.

17. The computer program product according to claim 2, wherein the configuration data

5   includes a LAN IP data.

18. The computer program product according to claim 16, wherein the WAN IP data includes an ISP router WAN IP address.

10   19. The computer program product according to claim 18, wherein the WAN IP data further includes a WAN IP CPE address.

20. The computer program product according to claim 19, wherein the WAN IP data further includes a WAN Subnet Mask.

15

21. The computer program product according to claim 20, wherein the WAN IP data further includes DLCI data.

20